

FIG. 1

Prior Art

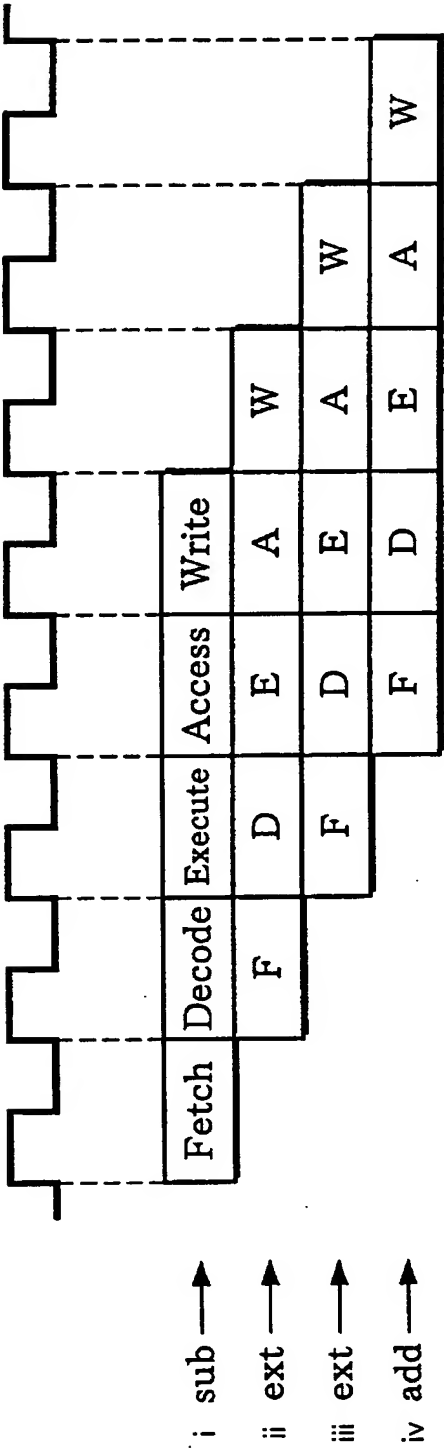


FIG. 2A

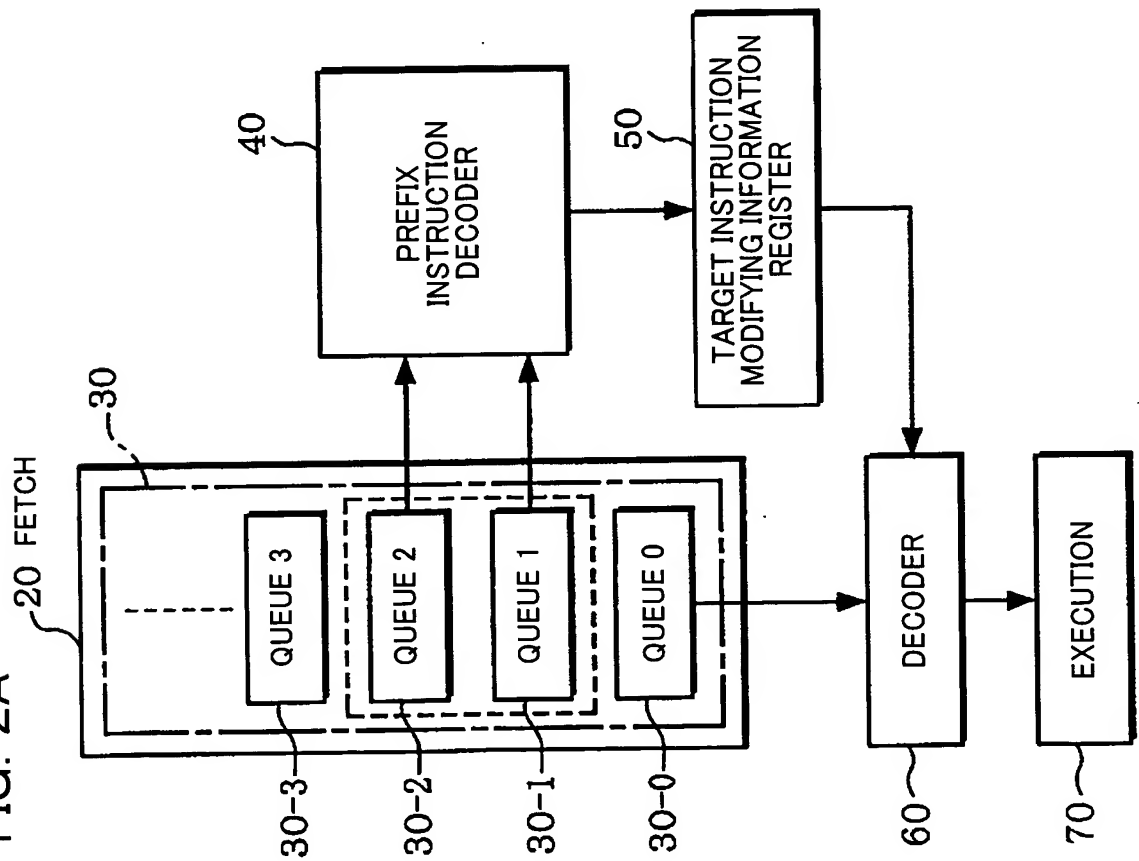


FIG. 2B

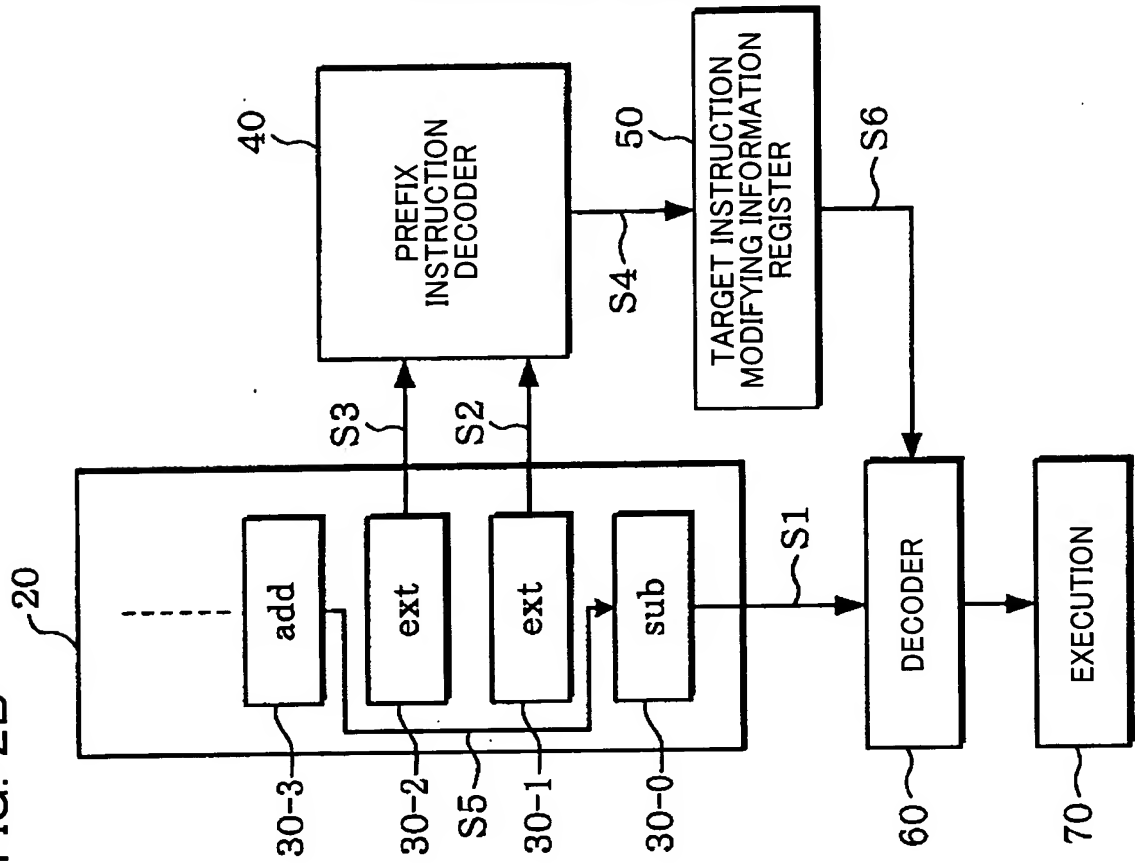


FIG. 3

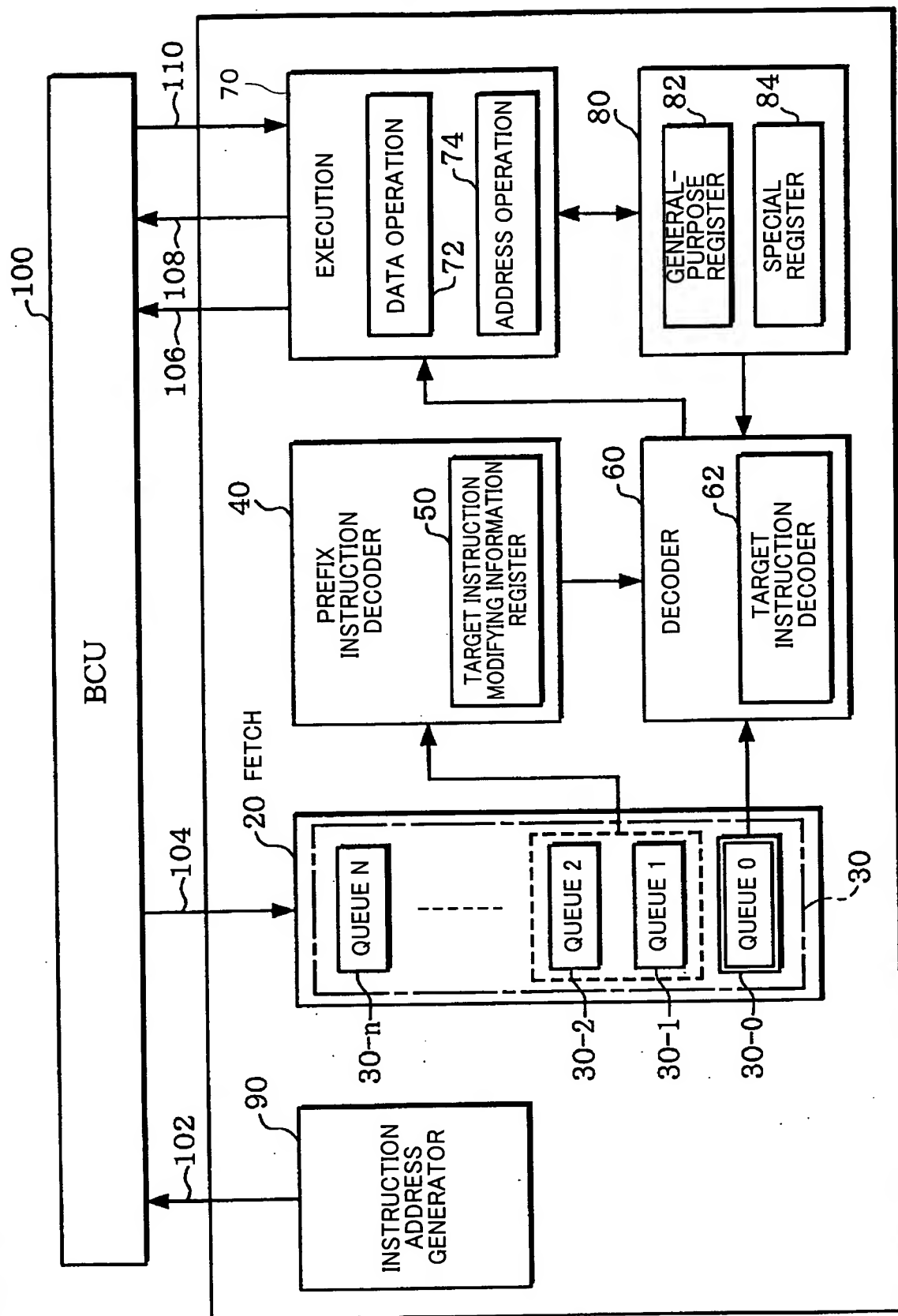


FIG. 4

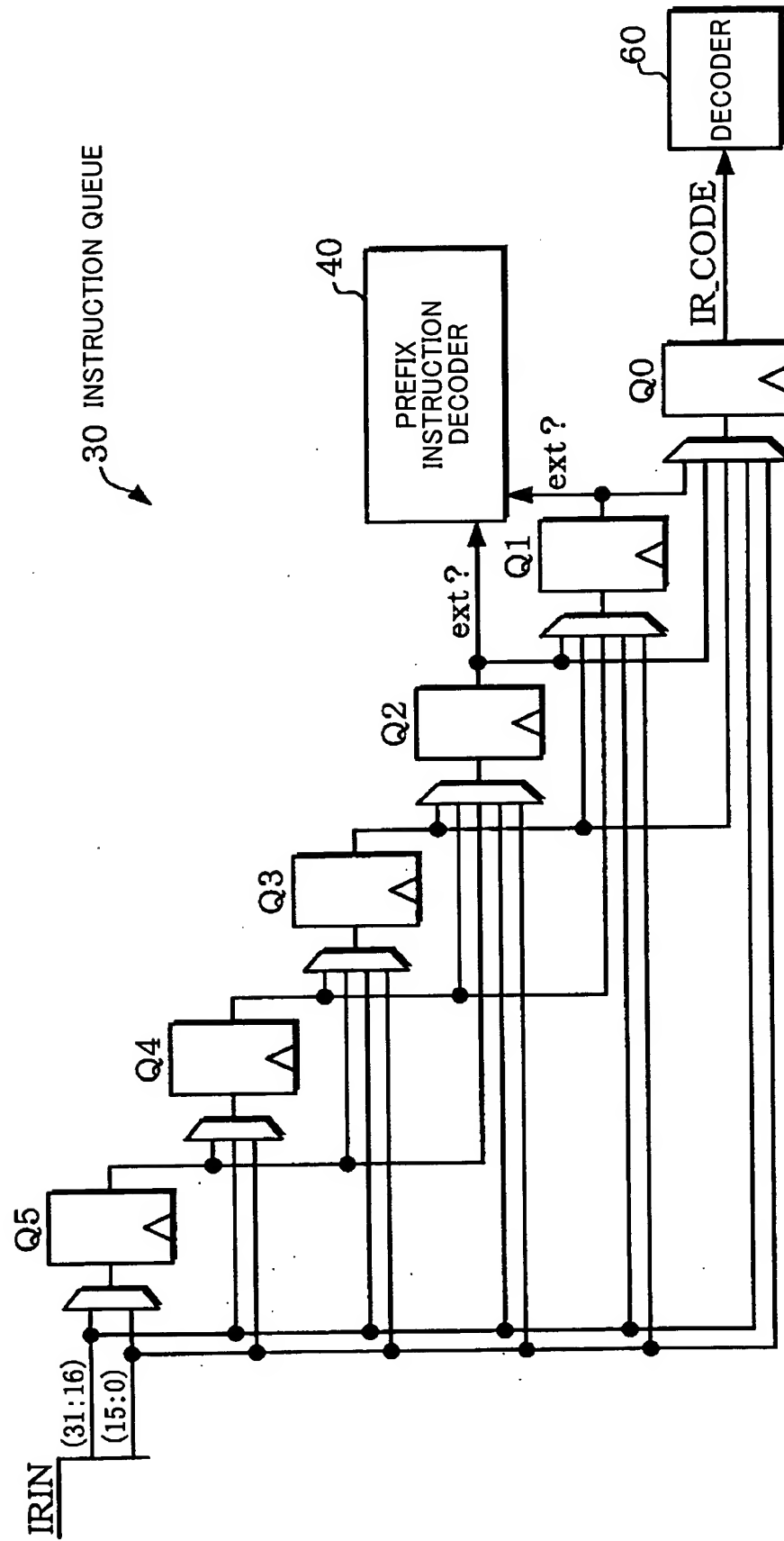


FIG. 5A

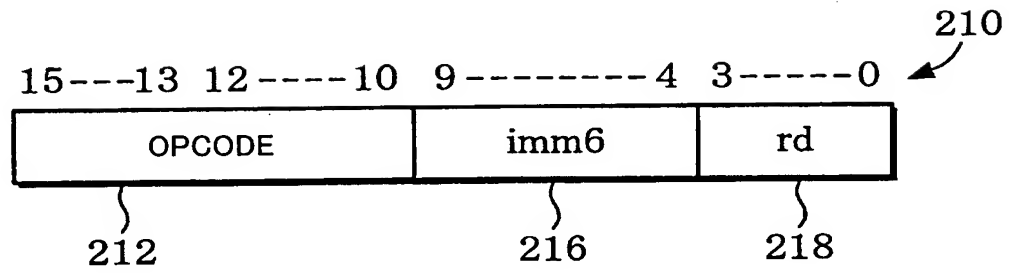


FIG. 5B

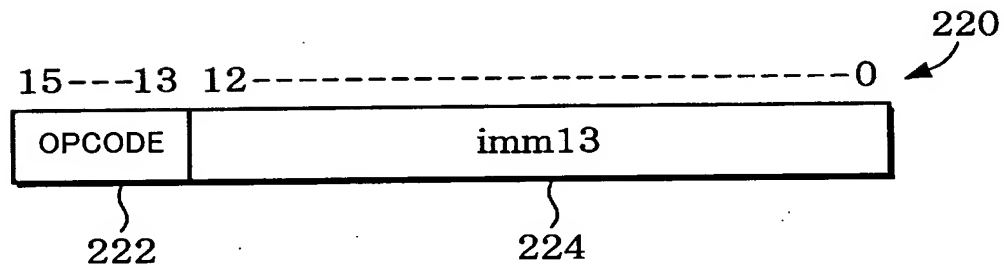


FIG. 6A

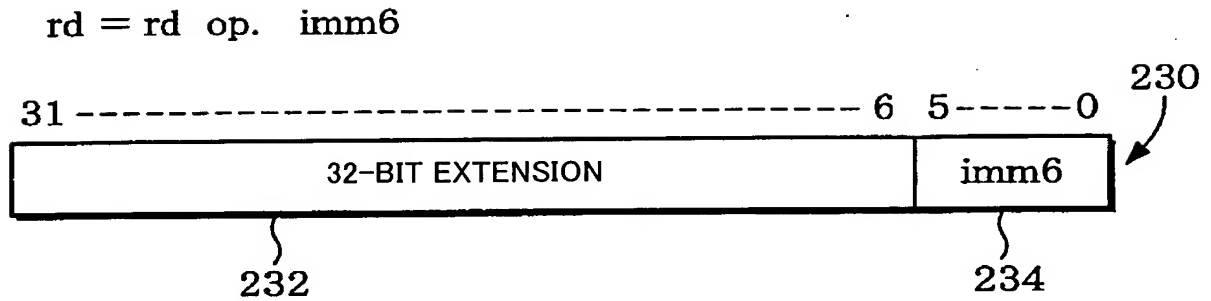


FIG. 6B

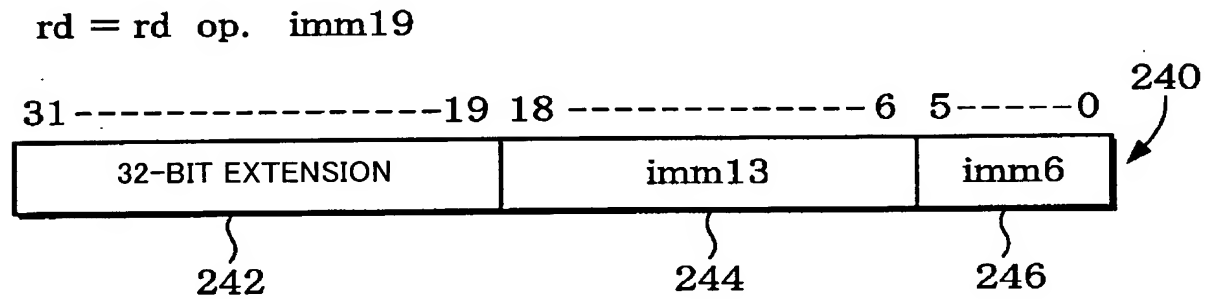


FIG. 6C

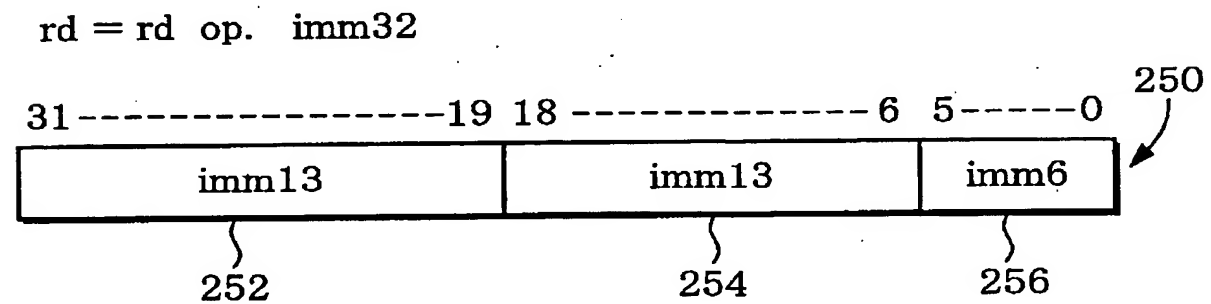


FIG. 7

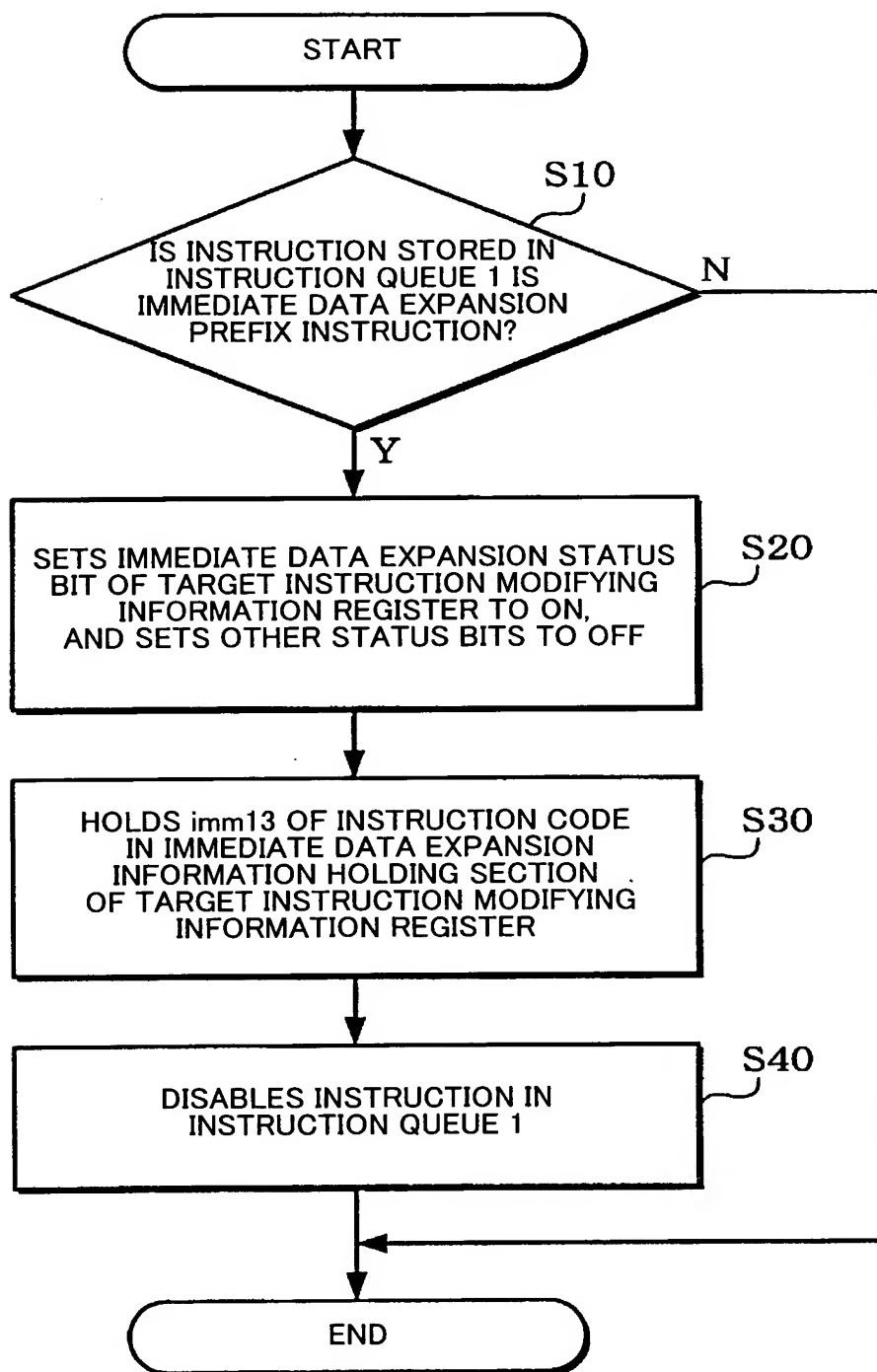


FIG. 8

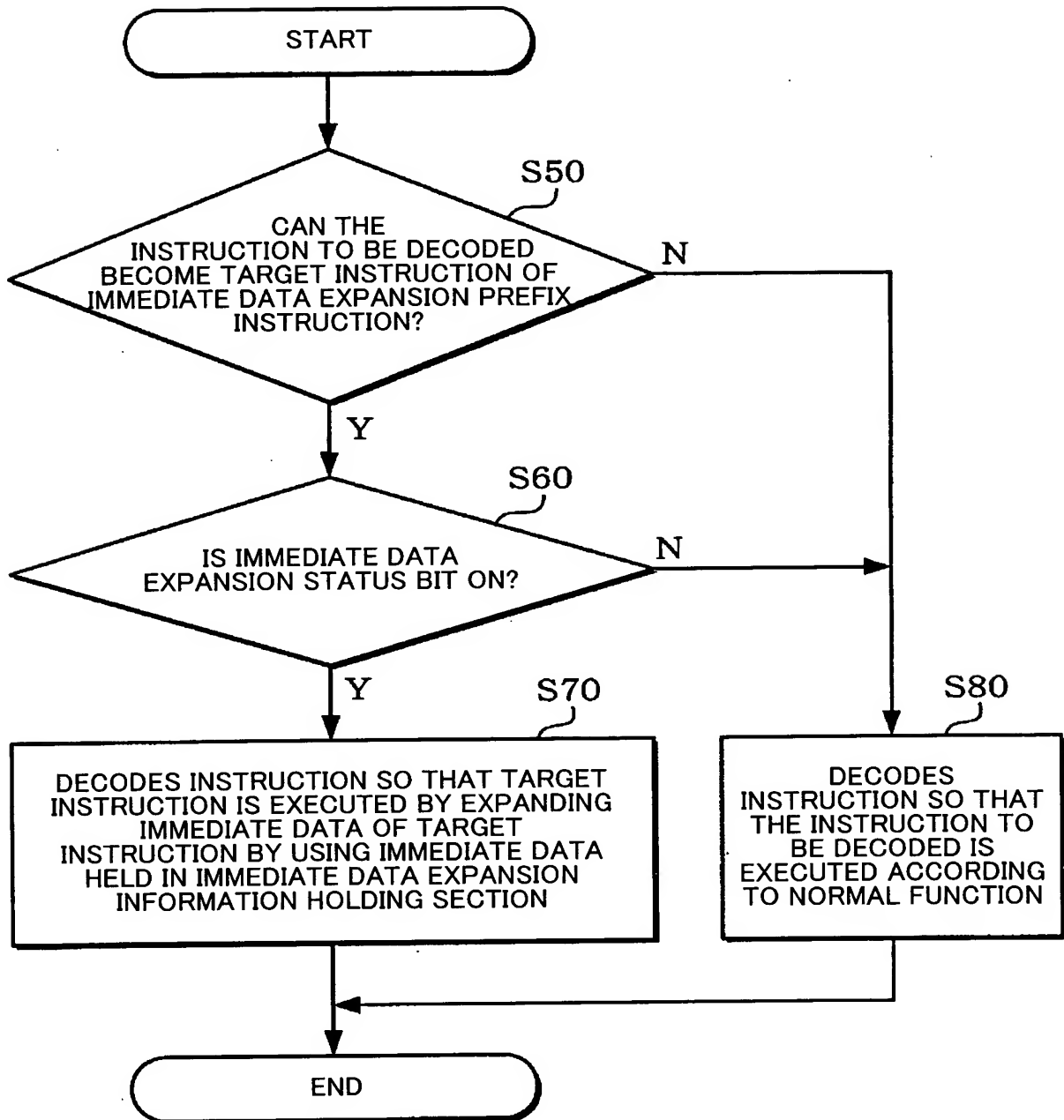


FIG. 9A

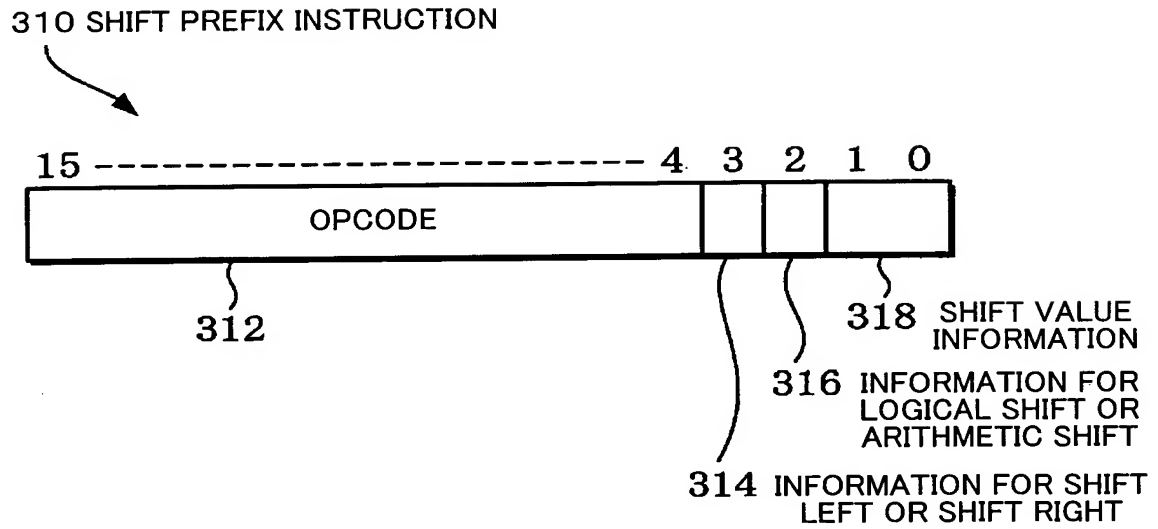


FIG. 9B

add %r2, 3 → r2 + 3

FIG. 9C

ext srl, 1
add %r2, 3 } → r2 = (r2+3) » 1

FIG. 10

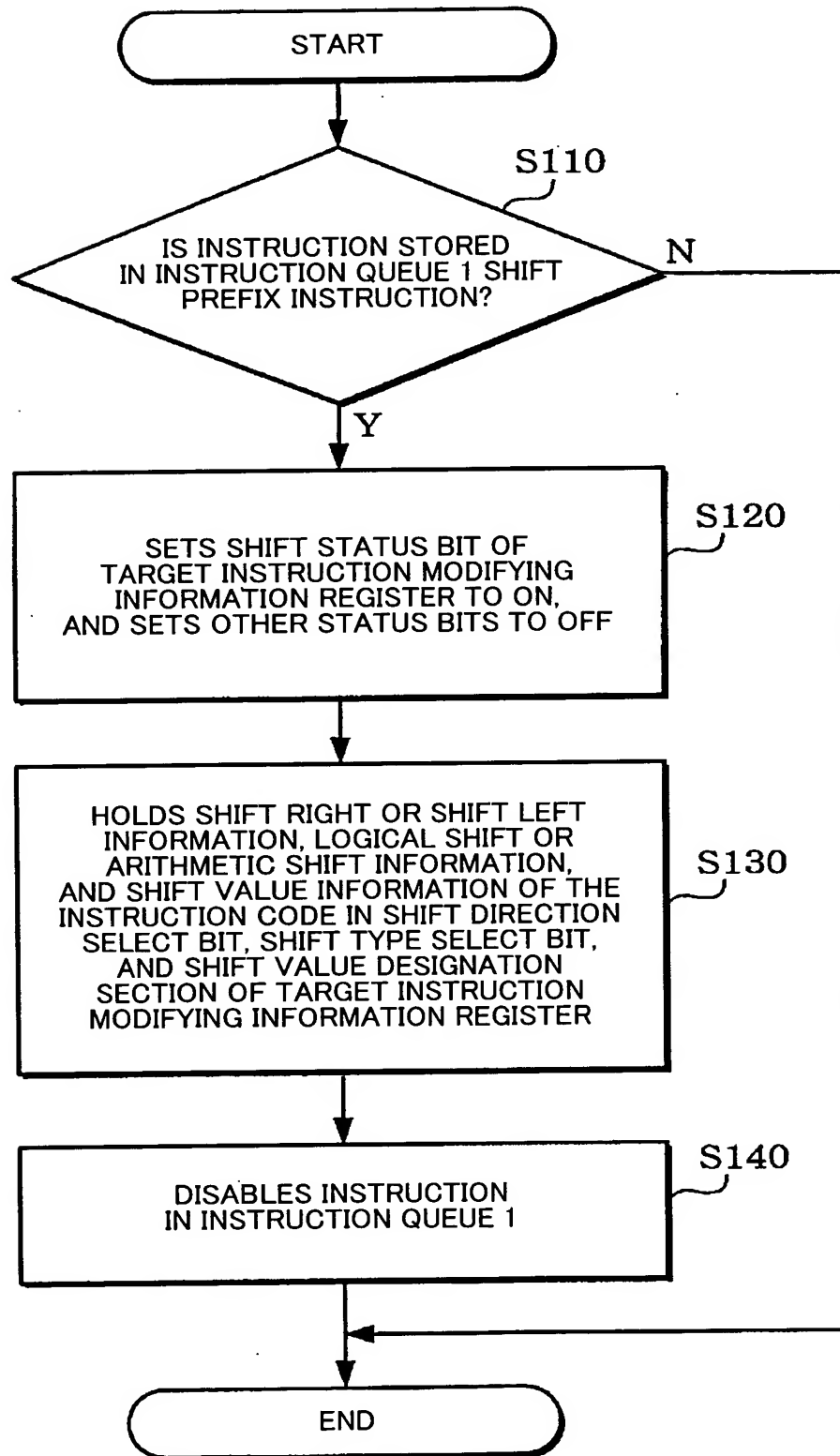


FIG. 11

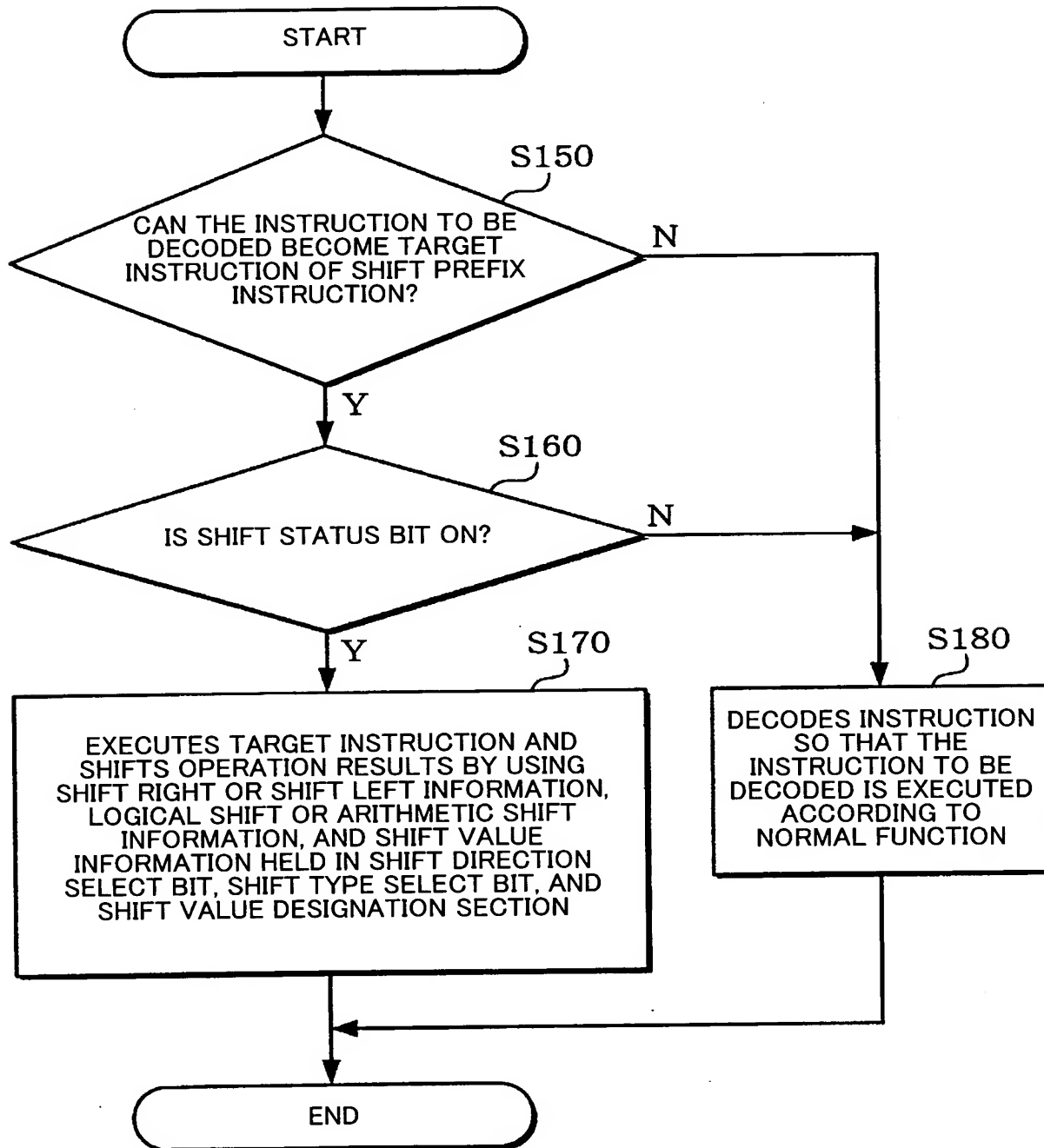


FIG. 12A

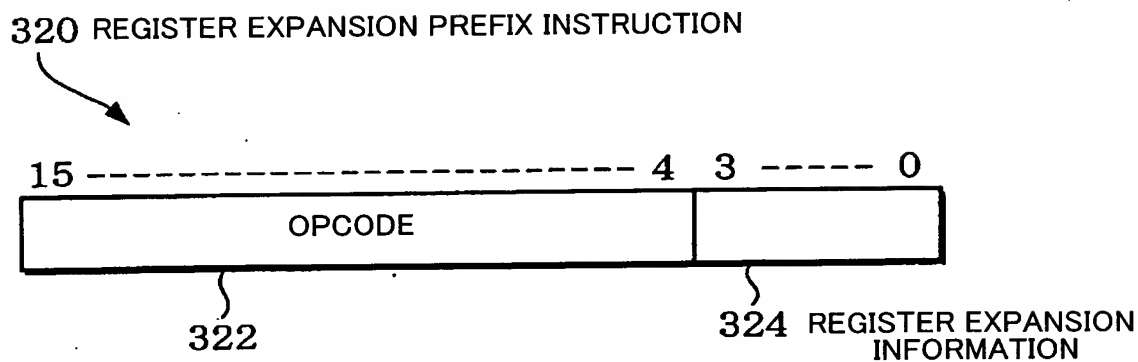


FIG. 12B

add %r2,3 \longrightarrow r2 = r2+3

FIG. 12C

$\left. \begin{array}{l} \text{ext \%r1} \\ \text{add \%r2,3} \end{array} \right\} \longrightarrow \text{r 1} = \text{r2} + 3$

FIG. 13

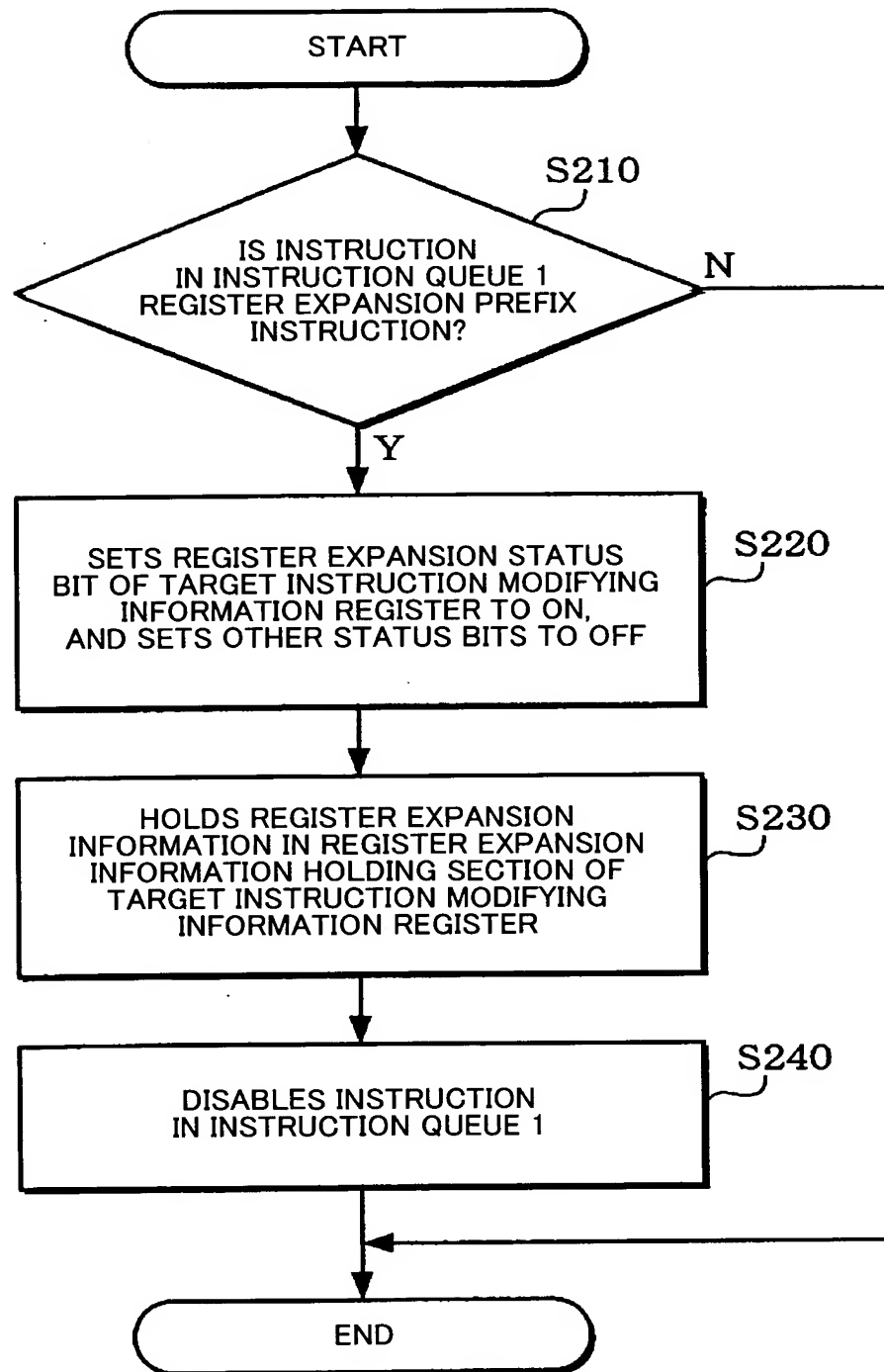


FIG. 14

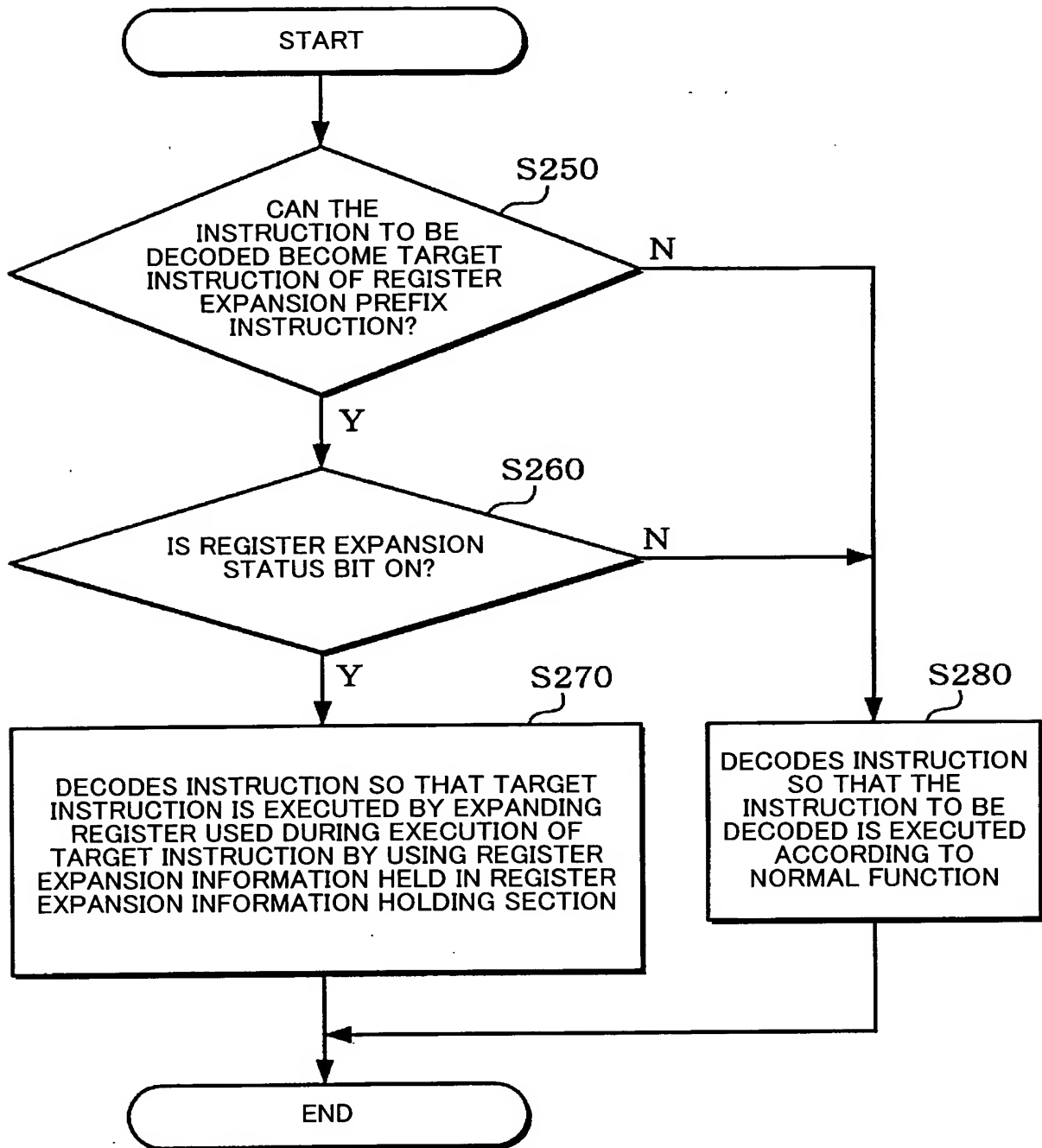


FIG. 15A

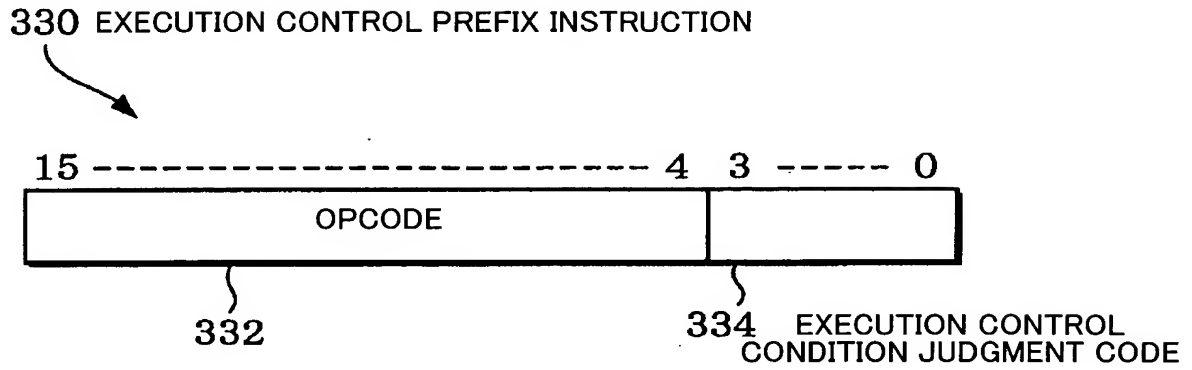


FIG. 15B

```
cmp    %r1    %r2
ext    EQ
add    %r1    1
```

FIG. 15C

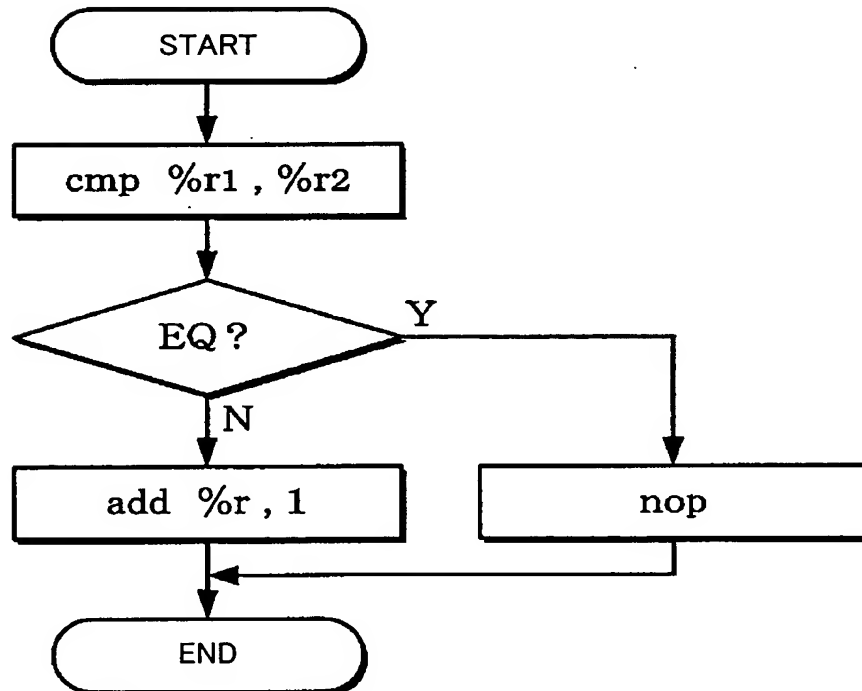


FIG. 16

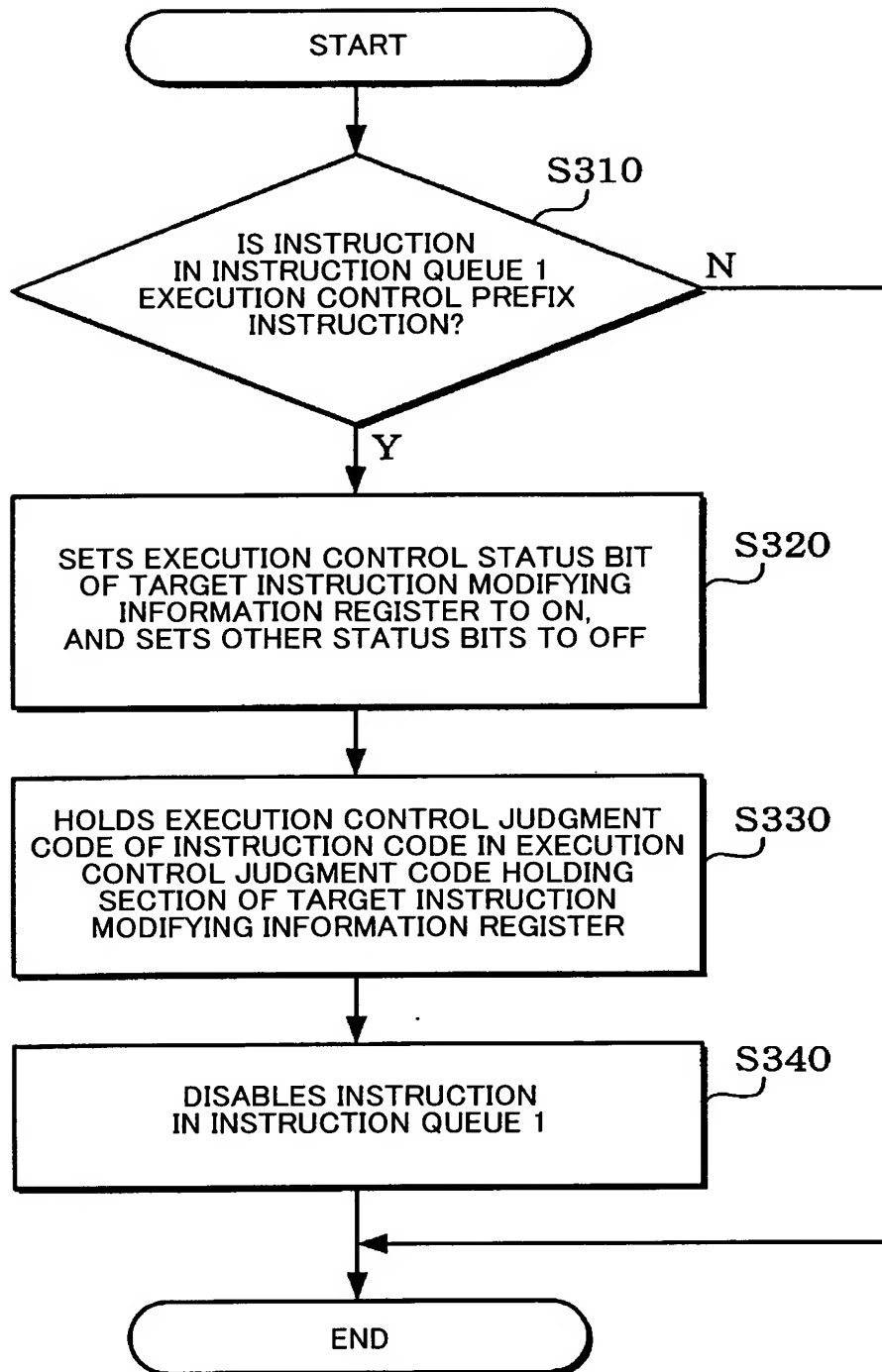


FIG. 17

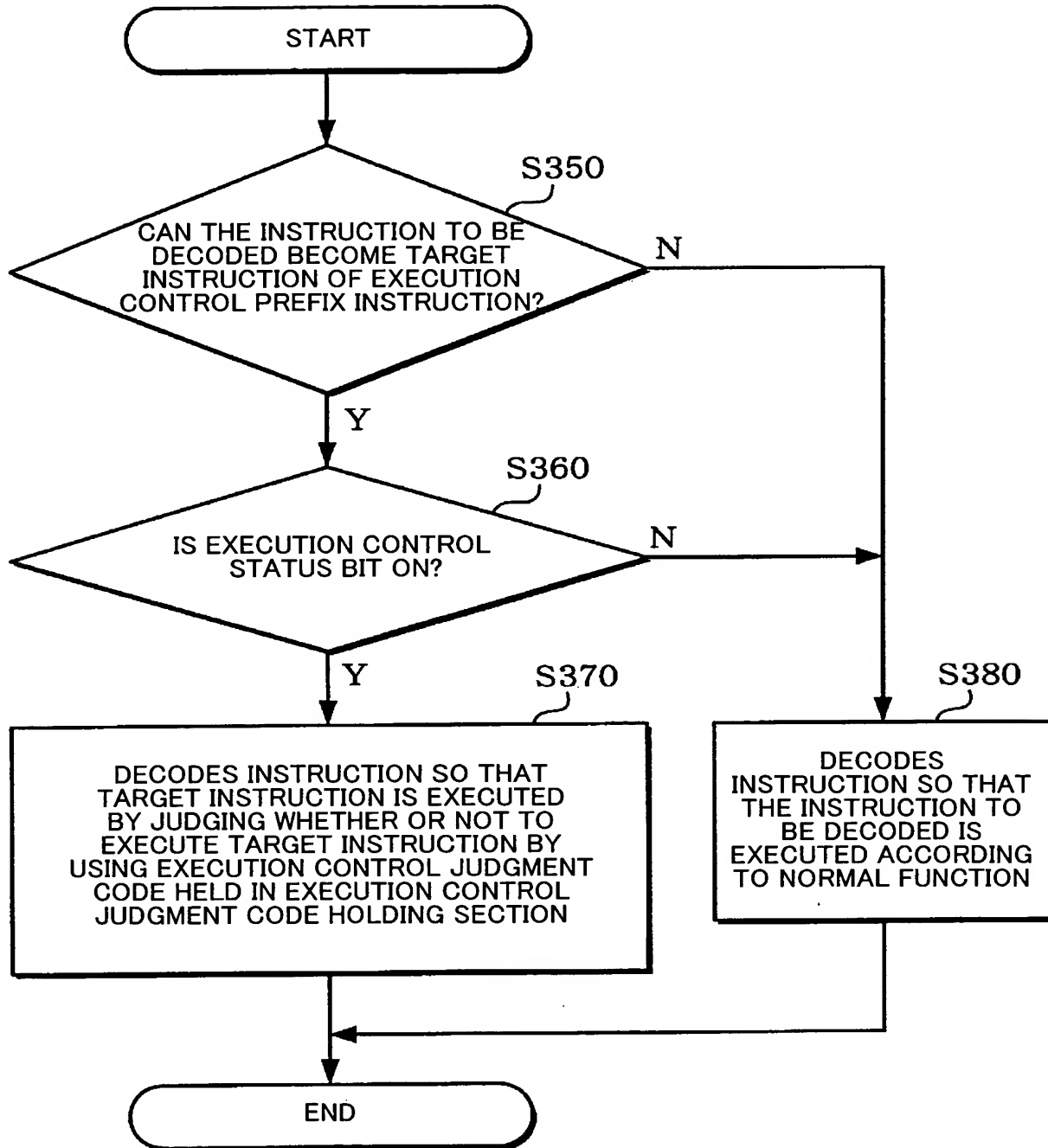


FIG. 18A

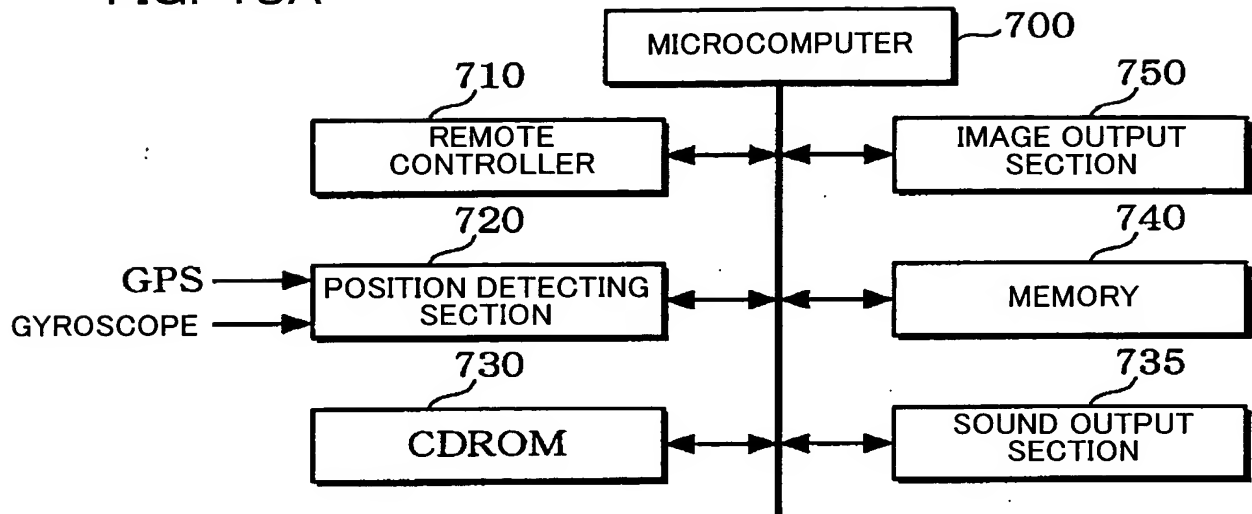


FIG. 18B

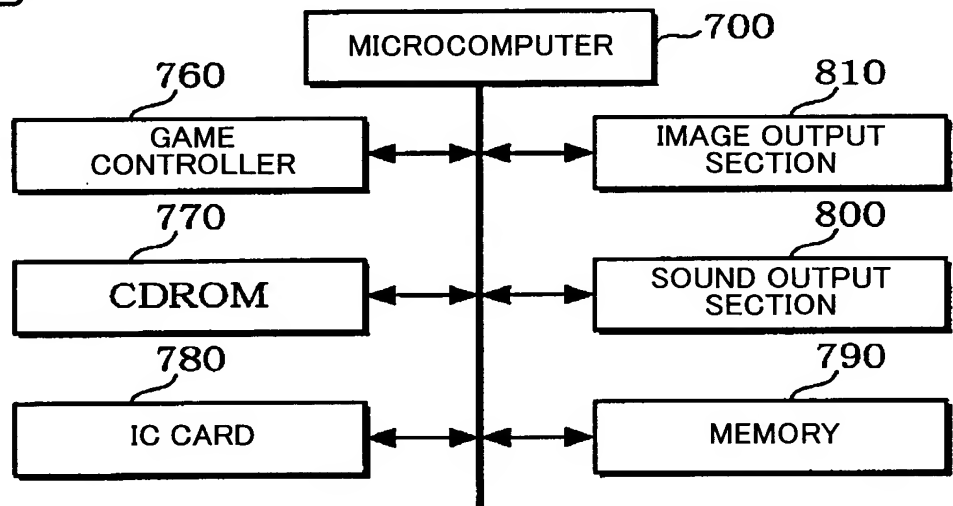


FIG. 18C

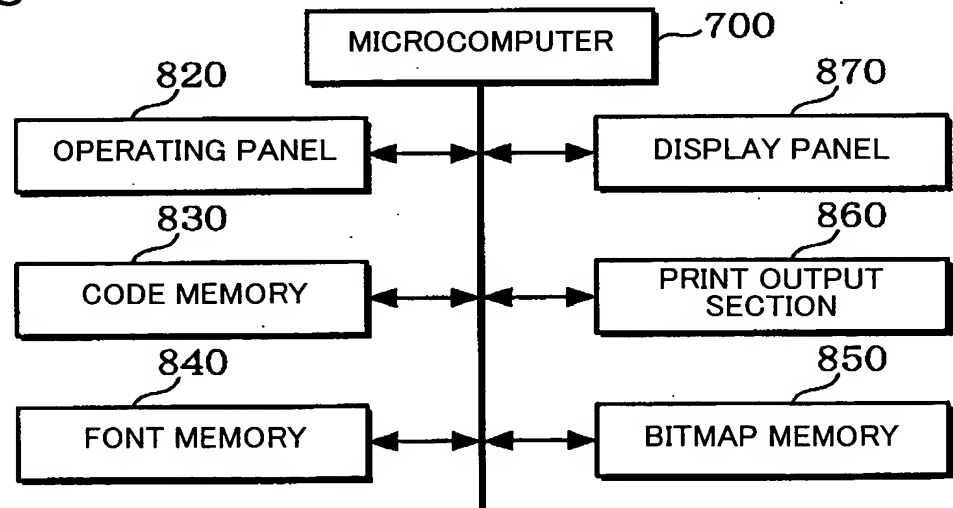


FIG. 19A

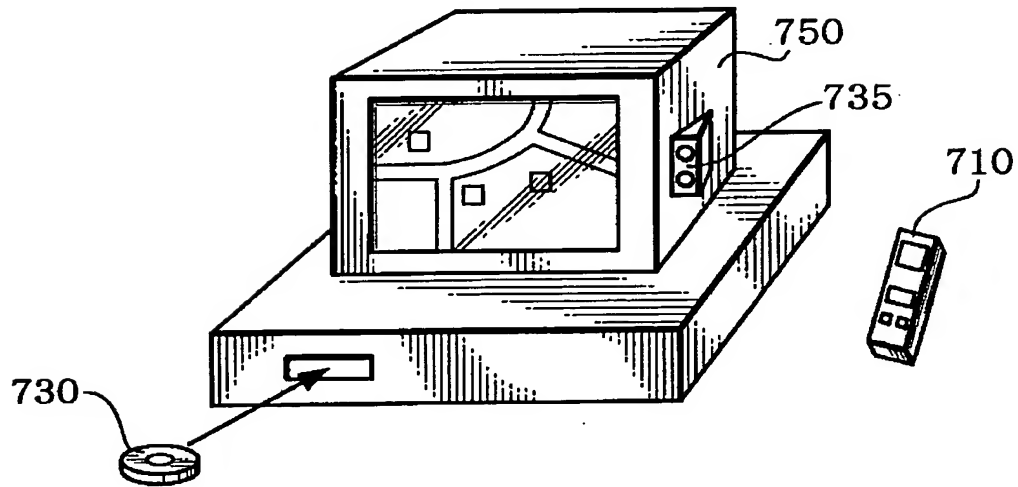


FIG. 19B

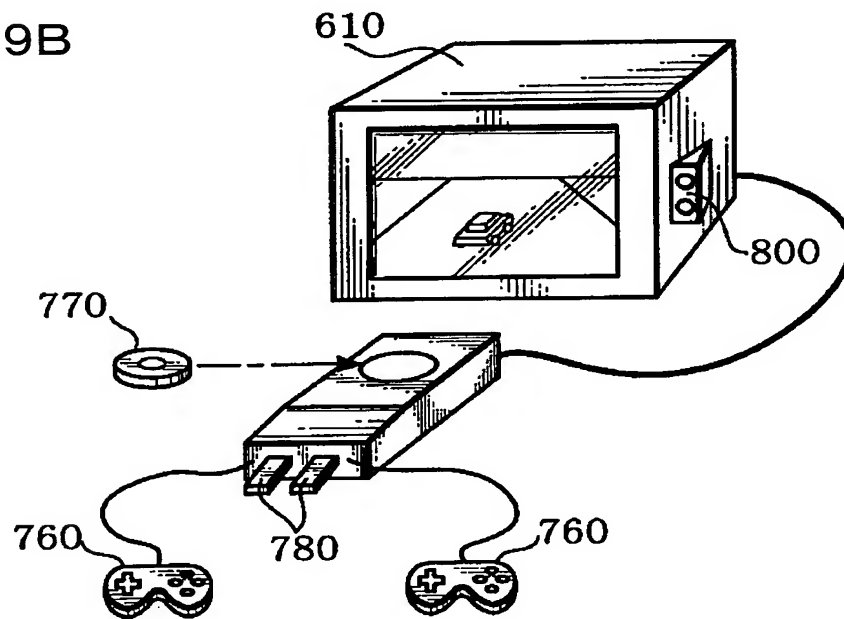


FIG. 19C

